

05-03-01

N Sector\$

**PATENTS**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
**MCFARLAND, M. David**

Serial No.: **09/742,774**

Filing Date: **December 20, 2000**

For: **SYSTEM FOR AIDING IN THE DESIGN  
OF COMBINATORIAL LOGIC AND  
SEQUENTIAL STATE MACHINES**



Group Art Unit: **2123**

Examiner: **Unassigned**

Atty. Ref.: **MCF1  
(10069.102347)**

"Express Mail" Mailing Label Number: **EK975869815US**

Date of Deposit: **May 2, 2001**

I hereby certify that this correspondence is being deposited  
with the United States Postal Service "Express Mail Post  
Office to Addressee" service under 37 CFR 1.10 on the date  
indicated above to the Commissioner for Patents,  
Box Missing Parts, Washington, D.C. 20231.

**R. STEVAN COURSEY**  
Reg. No. **39,949**

Signature

**TRANSMITTAL LETTER**

**May 2, 2001**

Commissioner for Patents  
Box Missing Parts  
Washington, D. C. 20231

Sir:

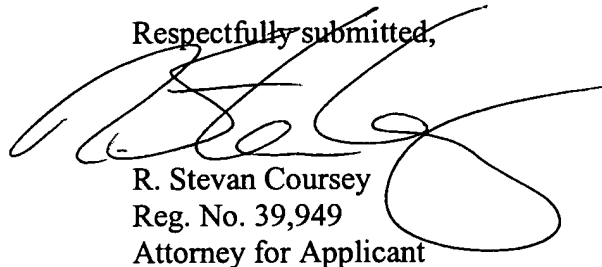
Enclosed please find the following items for filing in connection with the above-  
identified patent application:

- (1) Submission of Missing Parts of Non-Provisional Application;
- (2) Notice to File Missing Parts of Non-Provisional Application;

- (3) Executed Declaration and Power of Attorney of M. David McFarland;
- (4) Substitute Informal Drawings (16 pages);
- (5) Fee Transmittal for FY 2001;
- (6) Check Number 259582 in the amount of \$65.00 for the declaration surcharge;  
and,
- (7) Return Post Card.

A declaration surcharge fee in the amount of \$65 dollars has been included with the Submission of Missing Parts of Non-Provisional Application submitted herewith. No other fee is believed to be due in connection with the Submission of Missing Parts of Non-Provisional Application. However, if any other fee is deemed to be due, please charge such fee to Deposit Account No. 20-1507.

Respectfully submitted,



R. Stevan Coursey  
Reg. No. 39,949  
Attorney for Applicant

Troutman Sanders LLP  
600 Peachtree Street, N.E.  
Suite 5200  
Atlanta, Georgia 30308-2216  
(404) 885-3632

**PATENTS**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

**MCFARLAND, M. David**

Serial No.: **09/742,774**

Filing Date: **December 20, 2000**

For: **SYSTEM FOR AIDING IN THE DESIGN  
OF COMBINATORIAL LOGIC AND  
SEQUENTIAL STATE MACHINES**



Group Art Unit: **2123**

Examiner: **Unassigned**

Atty. Ref.: **MCF1  
(10069.102347)**

"Express Mail" Mailing Label Number: **EK975869815US**

Date of Deposit: **May 2, 2001**

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above to the Commissioner for Patents, Box Missing Parts, Washington, D.C. 20231.

**R. STEVAN COURSEY**

Reg. No. **39,949**

Signature

**SUBMISSION OF MISSING PARTS OF  
NON-PROVISIONAL PATENT APPLICATION**

May 2, 2001

Commissioner for Patents  
Box Missing Parts  
Washington, D.C. 20231

Sir:

In response to the "Notice to File Missing Parts of Non-Provisional Application" mailed March 2, 2001, Applicant respectfully submits herewith an executed Declaration and Power of Attorney, sixteen (16) sheets of substitute informal drawings, and a declaration surcharge fee in the amount of \$65.00 for filing in connection with the above-identified patent application.

Applicant submits that the sixteen (16) sheets of substitute informal drawings correct the identified problem with the margins of the originally-filed drawing sheets and bring the drawings of the patent application into compliance with 37 C.F.R. 1.84(g). Applicant notes that the substitute informal drawings do not add any new subject matter to the patent application.

Applicant has submitted herewith Check No. 259582 in the amount of \$65.00 in payment of the declaration surcharge fee due under 37 C.F.R. 1.16(e). Applicant believes that no other fees are believed to be due in connection with this Submission of Missing Parts of Non-Provisional Patent Application. However, if other fees are deemed to be due, please charge such fees to Deposit Account No. 20-1507.

Respectfully submitted,

TROUTMAN SANDERS LLP

By: 

R. Stevan Coursey  
Reg. No. 39,949  
Attorney for Applicant

TROUTMAN SANDERS LLP  
Bank of America Plaza, Suite 5200  
600 Peachtree St., NE  
Atlanta, GA 30308-2216  
(404) 885-3632

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$65.00)

## Complete if Known

Application Number 09/742,774  
Filing Date December 20, 2000  
First Named Inventor MCFARLAND, M. David  
Examiner Name Unassigned  
Group Art Unit 2123  
Attorney Docket No. MCF1 (10069.102347)

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

20-1507

Deposit  
Account  
Name

TROUTMAN SANDERS LLP

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☒ Applicant Claims small entity status.  
See 37 CFR 1.27

2. ☒ Payment Enclosed:  
☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	
106	320	206	180	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)					0.00

### 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	20** =	\$	\$
Independent Claims	3** =	\$	\$
Multiple Dependent			

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	65.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					
* Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) (\$)					65.00

## SUBMITTED BY

Name (Print/Type) R. Stevan Coursey

Signature

## Complete (if applicable)

Registration. No.  
(Attorney/Agent)

39,949

Telephone

404-885-3632

Date

May 2, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/742,774	12/20/2000	M. David McFarland	MCF1 (10069.TBA)

06980  
TROUTMAN SANDERS LLP  
BANK OF AMERICA PLAZA, SUITE 5200  
600 PEACHTREE STREET, NE  
ATLANTA, GA 30308-2216



CONFIRMATION NO. 6640

## FORMALITIES LETTER



\*OC00000005818763\*

Date Mailed: 03/02/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

05/04/2001 HTECKLU1 00000034 09742774

01 FEB05

65.00 DP

*A copy of this notice **MUST** be returned with the reply.*

AA

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE